

LAKE: LAKE ANDREWS (VLMP VLMP)
TOWN: LEWISTON
COUNTY: ANDROSCOGGIN

MIDAS: 3803
TRUE BASIN: 1
SAMPLE STATION: 1

WHOLE LAKE INFORMATION

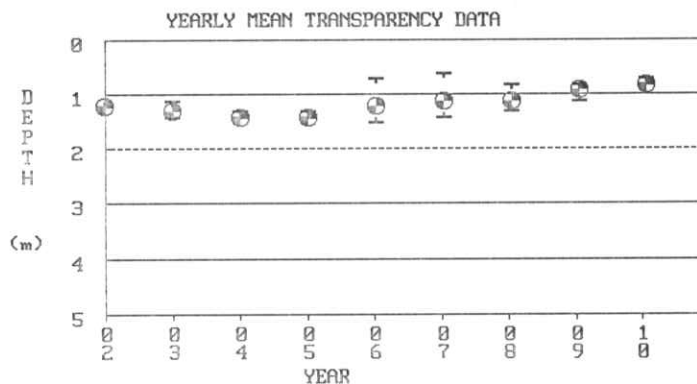
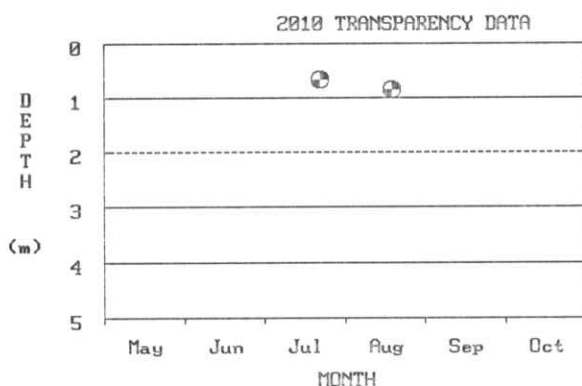
MAX. DEPTH: Undetermined
MEAN DEPTH: Undetermined
DELORME ATLAS #: 11
USGS QUAD: LEWISTON
IFW REGION A: Sebago Lake (Gray)
IFW FISH. MANAGEMENT: None

TRUE BASIN CHARACTERISTICS

SURFACE AREA: Undetermined
FLUSHING RATE: Undetermined
VOLUME: Undetermined
DIRECT DRAINAGE AREA: Undetermined

PLEASE NOTE THE FOLLOWING: The SAMPLE STATION # refers to the location sampled. The term TRUE BASIN is used to define areas within a lake that are separated by shallow reefs or shoals and therefore function as separate lakes. There are approximately 50 lakes in the state that have more than 1 True Basin. True Basin Characteristics are now being included in the first section of these reports to enable users of the Phosphorous Loading Methodology to better evaluate the data. If there is no data for a particular True Basin, True Basin Characteristics must be obtained from the DEP. LAKE ANDREWS has 1 True Basin.

SECCHI DISK TRANSPARENCY GRAPHS:



Note: 2010 graphs may indicate multiple readings taken on a given day.

SUMMARY OF CHEMICAL AND TROPHIC STATE PARAMETERS:

[* indicates that Secchi disk was visible at bottom of lake (or one reading used in calculation was visible)].

YEAR	MEAN COLOR (SPU)	MEAN pH	MEAN ALK (mg/l)	MEAN COND. (uS /cm)	TOTAL PHOS. MEANS (ppb)				SECCHI DISK (m.)				CHLOROPHYLL A(ppb)			TROPIC STATE INDICES			
					EPI	SURF	BOT.	PRO.	MIN.	MEAN	MAX.	N	MIN.	MEAN	MAX.	C	G	SEC	CHL
2002	26	7.70	59.5	-	-	29	-	-	1.2*	1.2*	1.2*	2	1.5	2.5	3.4	-	-	-	-
2003	16	7.63	94.3	135	-	28	-	-	1.1*	1.3*	1.4*	3	3.0	4.4	5.5	-	-	-	-
2004	31	7.80	82.8	-	-	29	-	-	1.3*	1.4*	1.4*	3	1.2	1.9	2.4	-	-	-	-
2005	13	7.60	-	-	-	34	-	-	1.3*	1.4*	1.4*	2	2.0	5.0	8.0	-	-	-	-
2006	58	8.60	103.0	-	-	54	-	-	0.7*	1.2*	1.5*	3	2.1	28.9	98.0	-	-	-	-
2007	44	7.26	109.0	-	-	104	-	-	0.6*	1.1*	1.4*	5	3.1	26.2	69.0	-	-	-	100
2008	26	7.24	67.5	-	-	48	-	-	0.8*	1.1*	1.3*	5	7.7	36.9	130.0	-	-	-	110
2009	49	7.10	85.0	-	-	50	-	-	0.8	0.9	1.1	3	12.0	22.7	31.0	-	-	-	-
2010	60	-	-	-	-	89	-	-	0.7	0.8	0.8	2	93.0	156.5	220.0	-	-	-	-
SUMMARY:	36	7.46	85.9	135	-	51	-	-	0.6*	1.2*	1.5*	9	1.2	31.6	220.0	-	-	-	105

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LATE SUMMER TEMPERATURE / DISSOLVED OXYGEN PROFILES:

DEPTH	SAMPLE DATE															
	08/07/06		08/03/07		09/05/07		09/28/07		08/13/08		09/11/08		08/17/09		08/18/10	
m	°C	ppm	°C	ppm	°C	ppm	°C	ppm	°C	ppm	°C	ppm	°C	ppm	°C	ppm
0.0	24.6	10.2	29.5	7.5	-	-	21.6	8.8	22.2	16.4	20.8	15.2	26.5	7.9	25.3	10.7
1.0	24.3	10.5	27.2	7.4	20.9	6.5	21.4	6.4	21.0	14.6	19.4	14.4	26.2	7.0	23.6	9.6